

A cross-sectional view of a multi-layered material structure. The structure consists of several layers with different patterns: a top layer with a dotted pattern, a layer with a wavy line pattern, a layer with a grid of squares, a layer with diagonal hatching, a layer with a dotted pattern, a layer with diagonal hatching, a layer with a dotted pattern, and a bottom layer with diagonal hatching. A vertical line on the right side is labeled 'R' and 'ABS SURFACE'. Various numerical labels (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17) are placed throughout the diagram to identify specific features and layers. A bracket labeled '4' groups layers 12, 14, and 15. A bracket labeled '6' groups layers 8, 9, and 15. A bracket labeled '5' groups layers 12 and 14. A bracket labeled '3' points to layer 9. A bracket labeled '1' points to the top dotted layer. A bracket labeled '2' points to the bottom hatched layer. A bracket labeled '7' points to the grid of squares. A bracket labeled '16' points to the wavy line layer. A bracket labeled '17' points to the top dotted layer. A bracket labeled '8' points to layer 8. A bracket labeled '9' points to layer 9. A bracket labeled '10' points to layer 10. A bracket labeled '11' points to layer 11. A bracket labeled '12' points to layer 12. A bracket labeled '13' points to layer 13. A bracket labeled '14' points to layer 14. A bracket labeled '15' points to layer 15. A bracket labeled '16' points to layer 16. A bracket labeled '17' points to layer 17.

REACE

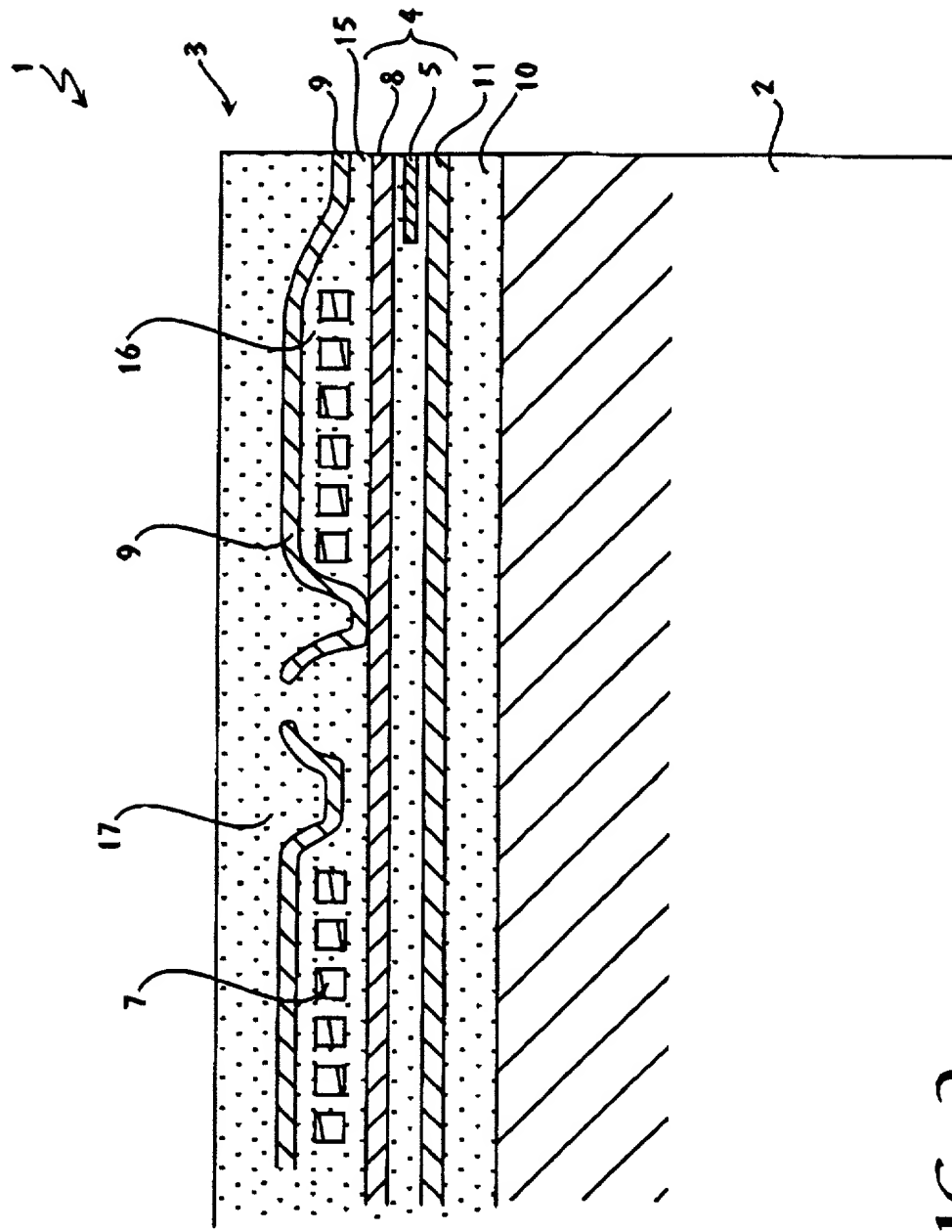


FIG. 2

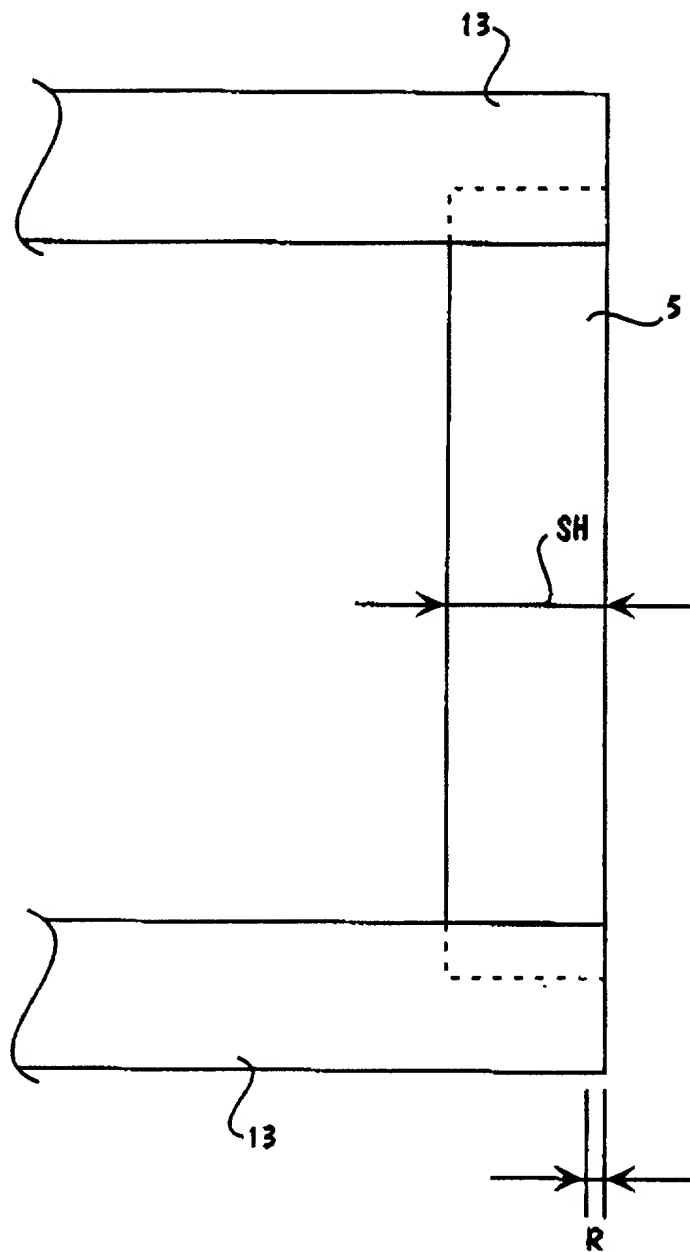


FIG. 3

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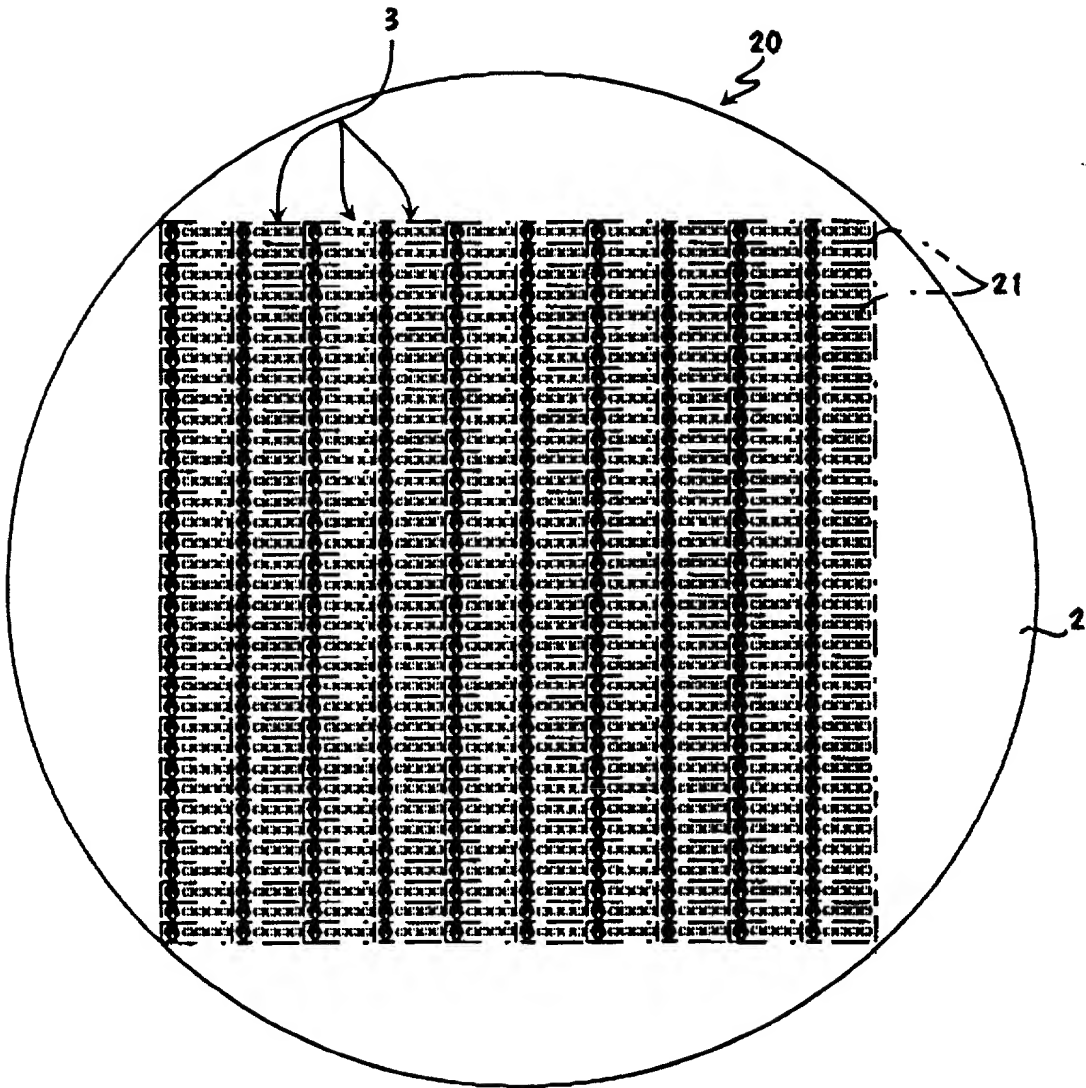


FIG. 4

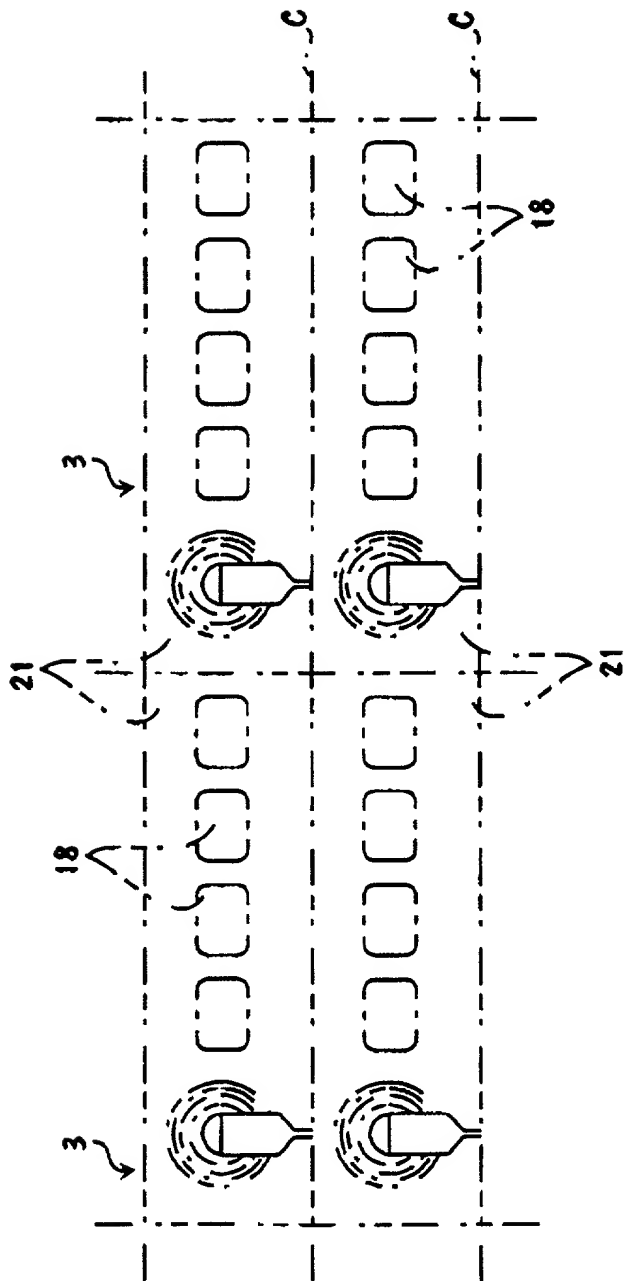


FIG. 5

